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#15 Search #13 and #10	15:29:02	3
#14 Search #13 and #11	15:28:36	2
#13 Search #12 and #7	15:27:15	45
#12 Search #5 and #6	15:26:35	6672
#11 Search constant and light and chain	15:26:12	1624
#10 Search CH1	15:25:45	667
#9 Search CH1 region	15:25:35	250
#8 Search "CH1 region"	15:25:25	19
#7 Search humanize or humanized	15:24:48	2510
#6 Search antibody	15:24:35	736020
#5 Search glycosylated or glycosylation or glycosylate	15:23:59	46241
#4 Search glycosylated	15:23:42	24446
#3 Search glocysylate	15:23:36	0
#2 Search glocysylat?	15:23:29	0
#1 Search glocysylat*	15:23:24	0

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Dec 22 2005 16:39:56



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#### Search

#### Most Recent Queries

#### Time

#### Result

<a href="#">#16</a> Search #15 and #5	14:51:59	<a href="#">0</a>
<a href="#">#15</a> Search #7 and #14	14:51:08	<a href="#">66</a>
<a href="#">#14</a> Search kappa constant	14:50:43	<a href="#">1274</a>
<a href="#">#13</a> Search #12 and glycosylation	14:50:02	<a href="#">0</a>
<a href="#">#12</a> Search #9 and #7	14:49:39	<a href="#">69</a>
<a href="#">#11</a> Search #9 and #7 and #5	14:49:29	<a href="#">0</a>
<a href="#">#10</a> Search #8 and #9	14:48:53	<a href="#">0</a>
<a href="#">#9</a> Search constant light chain	14:48:26	<a href="#">1624</a>
<a href="#">#8</a> Search #7 and #5	14:47:34	<a href="#">393</a>
<a href="#">#7</a> Search rabbit antibody	14:47:15	<a href="#">63412</a>
<a href="#">#6</a> Search #1 and #5	14:45:17	<a href="#">1</a>
<a href="#">#5</a> Search glycosylation	14:44:56	<a href="#">27896</a>
<a href="#">#4</a> Search #1 and #2	14:44:29	<a href="#">42</a>
<a href="#">#3</a> Search 1 and 2	14:44:07	<a href="#">2122027</a>
<a href="#">#2</a> Search antibody	14:43:53	<a href="#">736020</a>
<a href="#">#1</a> Search rabbit Ck	14:43:26	<a href="#">324</a>

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Last logoff: 28dec05 11:48:33  
Logon file001 06jan06 14:55:59

## \*\*\* ANNOUNCEMENT \*\*\*

\*\*\*

## NEW FILES RELEASED

\*\*\*Index Chemicus (File 302)  
\*\*\*Inspec (File 202)  
\*\*\*Physical Education Index (File 138)  
\*\*\*Computer and Information Systems Abstracts (File 56)  
\*\*\*Electronics and Communications Abstracts (File 57)  
\*\*\*Solid State and Superconductivity Abstracts (File 68)  
\*\*\*ANTE: Abstracts in New Technologies (File 60)

\*\*\*

## RELOADS COMPLETED

\*\*\* The 2005 reload of the CLAIMS files (Files 340, 341, 942)  
is now available online.

## RESUMED UPDATING

\*\*\*ERIC (File 1)

\*\*\*

Chemical Structure Searching now available in Prous Science Drug  
Data Report (F452), Prous Science Drugs of the Future (F453),  
IMS R&D Focus (F445/955), Pharmaprojects (F128/928), Beilstein  
Facts (F390), Derwent Chemistry Resource (F355) and Index Chemicus (File 302).

\*\*\*

>>> Enter BEGIN HOMEBASE for Dialog Announcements <<<  
>>> of new databases, price changes, etc. <<<

\*\*\*\*

\* \* \*

File 1:ERIC 1966-2005/Nov  
(c) format only 2005 Dialog

Set Items Description

--- -----

Cost is in DialUnits

?

B5, 73, 34, 434

06jan06 14:56:43 User290558 Session D6.1

\$0.83 0.236 DialUnits File1

\$0.83 Estimated cost File1

\$0.19 INTERNET

\$1.02 Estimated cost this search

\$1.02 Estimated total session cost 0.236 DialUnits

SYSTEM:OS - DIALOG OneSearch

File 5:Biosis Previews(R) 1969-2006/Jan W1

(c) 2006 BIOSIS

File 73:EMBASE 1974-2006/Jan 09

(c) 2006 Elsevier Science B.V.

File 34:SciSearch(R) Cited Ref Sci 1990-2006/Jan W1

(c) 2006 Inst for Sci Info

File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec

(c) 1998 Inst for Sci Info

Set Items Description

--- -----

?

## S RABBIT ANTIBODY

S1 101 RABBIT ANTIBODY

?

## S ANTIBODY

S2 1142254 ANTIBODY

?

## S RABBIT

S3 650479 RABBIT

?

Set	Items	Description
S1	101	RABBIT ANTIBODY
S2	1142254	ANTIBODY
S3	650479	RABBIT

?

## S S2 AND S3

1142254 S2

650479 S3

S4 60013 S2 AND S3

?

## S GLYCOSYLATION

S5 80418 GLYCOSYLATION

?

## S S4 AND S5

60013 S4

80418 S5

S6 521 S4 AND S5

?

## S (KAPPA (W) CONSTANT)

160872 KAPPA

714679 CONSTANT

S7 228 (KAPPA (W) CONSTANT)

?

Set	Items	Description
S1	101	RABBIT ANTIBODY
S2	1142254	ANTIBODY
S3	650479	RABBIT
S4	60013	S2 AND S3
S5	80418	GLYCOSYLATION
S6	521	S4 AND S5
S7	228	(KAPPA (W) CONSTANT)

?

## S S6 AND S7

521 S6

228 S7

S8 0 S6 AND S7

?

Set	Items	Description
S1	101	RABBIT ANTIBODY
S2	1142254	ANTIBODY
S3	650479	RABBIT
S4	60013	S2 AND S3
S5	80418	GLYCOSYLATION
S6	521	S4 AND S5
S7	228	(KAPPA (W) CONSTANT)
S8	0	S6 AND S7

?

S CONSTANT

S9 714679 CONSTANT

?

S KAPPA

S10 160872 KAPPA

?

Set	Items	Description
S1	101	RABBIT ANTIBODY
S2	1142254	ANTIBODY
S3	650479	RABBIT
S4	60013	S2 AND S3
S5	80418	GLYCOSYLATION
S6	521	S4 AND S5
S7	228	(KAPPA (W) CONSTANT)
S8	0	S6 AND S7
S9	714679	CONSTANT
S10	160872	KAPPA

?

S S9 AND S10

714679 S9

160872 S10

S11 4407 S9 AND S10

?

Set	Items	Description
S1	101	RABBIT ANTIBODY
S2	1142254	ANTIBODY
S3	650479	RABBIT
S4	60013	S2 AND S3
S5	80418	GLYCOSYLATION
S6	521	S4 AND S5
S7	228	(KAPPA (W) CONSTANT)
S8	0	S6 AND S7
S9	714679	CONSTANT
S10	160872	KAPPA
S11	4407	S9 AND S10

?

S S6 AND S11

521 S6

4407 S11

S12 0 S6 AND S11

?

Set	Items	Description
S1	101	RABBIT ANTIBODY
S2	1142254	ANTIBODY
S3	650479	RABBIT
S4	60013	S2 AND S3
S5	80418	GLYCOSYLATION
S6	521	S4 AND S5
S7	228	(KAPPA (W) CONSTANT)
S8	0	S6 AND S7
S9	714679	CONSTANT
S10	160872	KAPPA
S11	4407	S9 AND S10
S12	0	S6 AND S11

?

S S6 AND S10

	521	S6
	160872	S10
S13	3	S6 AND S10

?

T S13/MEDIUM,K/1-3

13/K/1 (Item 1 from file: 73)

DIALOG(R)File 73:EMBASE

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04884587 EMBASE No: 1992024802

**Rheumatoid factors and complex formation. The role of light-chain framework sequences and glycosylation**

Hay F.C.; Jones M.G.; Bond A.; Soltys A.J.

St. George's Hospital, Medical School, Cranmer Terrace, London SW17 0RE  
United Kingdom

Clinical Orthopaedics and Related Research ( CLIN. ORTHOP. RELAT. RES. )  
(United States) 1991, -/265 (54-62)

CODEN: CORTB ISSN: 0009-921X

DOCUMENT TYPE: Journal; Conference Paper

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

**Rheumatoid factors and complex formation. The role of light-chain framework sequences and glycosylation**

...follows. They are of all Ig isotypes (not just IgM), indicating T-cell participation in antibody maturation. They have higher avidity for human IgG than for rabbit IgG. They use the human germline heavy-chain variable region (V(H)) gene V(H...

...families. (In contrast, monoclonal RFs use predominantly V(H)1 and very commonly the V( kappa )IIIb germline gene HUMkv325). RA IgG is somatically mutated. (In contrast, monoclonal RFs use unmutated...

DRUG DESCRIPTORS:

monoclonal antibody

MEDICAL DESCRIPTORS:

\* glycosylation ; \*rheumatoid arthritis--diagnosis--di

13/K/2 (Item 1 from file: 34)

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci

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05903974 Genuine Article#: XF550 No. References: 89

**Title: Biological consequences of oxidation in atherosclerosis and other pathologies. Lipoprotein oxidation in brain arteries**

Author(s): Palinski W (REPRINT) ; Horkko S

Corporate Source: UNIV CALIF SAN DIEGO, DEPT MED, 9500 GILMAN DR, MTF 110/LA JOLLA//CA/92093 (REPRINT)

Journal: NUTRITION METABOLISM AND CARDIOVASCULAR DISEASES, 1997, V7, N3 (JUN), P237-247

ISSN: 0939-4753 Publication date: 19970600

Publisher: MEDIKAL PRESS S R L, VIA LUIGI ZOJA, 30, 20153 MILAN, ITALY

Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

...Abstract: processes and increased lipid peroxidation, such as Alzheimer's disease, SLE, chronic juvenile arthritis, antiphospholipid antibody syndrome, and others. (C)1997, Medikal Press.

...Identifiers--LOW-DENSITY-LIPOPROTEIN; RECEPTOR-DEFICIENT RABBITS; HERITABLE HYPERLIPIDEMIC RABBIT ; INFLAMMATORY GENE INDUCTION; VASCULAR ENDOTHELIAL-CELLS; CHOLESTEROL-FED RABBITS; CORONARY-HEART-DISEASE; LIPID-PROTEIN ADDUCTS; SMOOTH-MUSCLE CELLS; NF-KAPPA -B

...Research Fronts: LONG-CHAIN PYRROLE FATTY ESTERS; COOKED MEAT)  
95-3583 001 (ACTIVATION OF TRANSCRIPTION FACTOR NF- KAPPA -B; OXIDATIVE STRESS; HUMAN-IMMUNODEFICIENCY-VIRUS TYPE-1 (HIV-1) REPLICATION)  
95-7650 001 (RAT VASCULAR SMOOTH-MUSCLE CELLS; CORONARY ATHEROSCLEROSIS; MONONUCLEAR LEUKOCYTES INVADE RABBIT ARTERIAL INTIMA DURING THICKENING FORMATION)  
95-8600 001 (ADVANCED GLYCATION END-PRODUCTS; PROTEIN OXIDATION IN ALZHEIMERS-DISEASE; NEUROFIBRILLARY PATHOLOGY; AMYLOID BETA-PEPTIDE; NONENZYMATIC GLYCOSYLATION )

13/K/3 (Item 2 from file: 34)

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci

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00923877 Genuine Article#: FG245 No. References: 17

**Title: GENES ENCODING A MOUSE MONOCLONAL-ANTIBODY ARE EXPRESSED IN TRANSGENIC MICE, RABBITS AND PIGS**

Author(s): WEIDLE UH; LENZ H; BREM G

Corporate Source: UNIV MUNICH, INST MOLEK TIERZUCHT, VET STR 13/D-8000 MUNICH 2//FED REP GER/; UNIV MUNICH, INST MOLEK TIERZUCHT, VET STR 13/D-8000 MUNICH 2//FED REP GER/; UNIV VET SCI BUDAPEST/H-1078 BUDAPEST 7//HUNGARY/

Journal: GENE, 1991, V98, N2, P185-191

Language: ENGLISH Document Type: ARTICLE (Abstract Available)

**Title: GENES ENCODING A MOUSE MONOCLONAL- ANTIBODY ARE EXPRESSED IN TRANSGENIC MICE, RABBITS AND PIGS**

...Abstract: we have introduced the genes for the light and heavy chain of a mouse monoclonal antibody (mAb) into the germ-line of mice (control), rabbits and pigs. The transgenes were detected in the mouse lines, two rabbit lines and pigs. Titers of 100-200-mu-g mAb/ml (rabbits) and up to...

...bands at all. The results can be explained by assuming tissue- and cell-type-specific glycosylation, modification and possible heterologous chain associations. Expression of Ab in the serum of animals could...

...Identifiers--IMMUNOGLOBULIN-MU; ALLELIC EXCLUSION; IMMUNE-RESPONSE;  
 LYMPHOID-CELLS; KAPPA -GENES; REARRANGEMENT; HEAVY; LINE  
 ?

Set	Items	Description
S1	101	RABBIT ANTIBODY
S2	1142254	ANTIBODY
S3	650479	RABBIT
S4	60013	S2 AND S3
S5	80418	GLYCOSYLATION
S6	521	S4 AND S5
S7	228	(KAPPA (W) CONSTANT)
S8	0	S6 AND S7
S9	714679	CONSTANT
S10	160872	KAPPA
S11	4407	S9 AND S10
S12	0	S6 AND S11
S13	3	S6 AND S10

?

S S6 AND S9

521 S6

714679 S9

S14 5 S6 AND S9

?

RD S14

S15 4 RD S14 (unique items)

?

TYPE S15/MEDIUM,K/1-4

15/K/1 (Item 1 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

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0010931185 BIOSIS NO.: 199799565245

#### Characterization of the bovine C-alpha gene

AUTHOR: Brown W R; Rabbani H; Butler J E; Hammarstrom L (Reprint)

AUTHOR ADDRESS: Dep. Biosciences at Novum, Karolinska Inst., S-14186

Huddinge, Sweden\*\*Sweden

JOURNAL: Immunology 91 (1): p1-6 1997 1997

ISSN: 0019-2805

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

...ABSTRACT: EMBL4 phage vector library. The C-alpha sequence had previously been expressed as a chimeric antibody and identified as IgA using IgA-specific antibodies. Intron/exon boundaries were determined by comparison...

...IgA compared except for that between IgA1 and IgA2 in humans. Bovine IgA shares with rabbit IgA3 and IgA4, an additional N-linked glycosylation site at position 282. However, the collective data indicate that cattle are like swine and...

DESCRIPTORS:

MISCELLANEOUS TERMS: ...IMMUNOGLOBULIN A CONSTANT REGION GENE...



15/K/2 (Item 2 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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0006646481 BIOSIS NO.: 198987094372

**THE LARGE GLYCOPROTEIN SUBUNIT OF THE SKELETAL MUSCLE VOLTAGE-SENSITIVE  
CALCIUM CHANNEL DEGLYCOSYLATION AND DEVELOPMENT**

AUTHOR: BURGESS A J (Reprint); NORMAN R I  
AUTHOR ADDRESS: DEP MED, CLINICAL SCIENCES BUILD, LEICESTER ROYAL  
INFIRMARY, PO BOX 65, LEICESTER, ENGLAND LE2 7LX, UK\*\*UK  
JOURNAL: European Journal of Biochemistry 178 (2): p527-534 1988  
ISSN: 0014-2956  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: ENGLISH

...ABSTRACT: the large .alpha.2-glycoprotein subunit of the  
1,4-dihydropyridine-sensitive calcium channel from rabbit skeletal  
muscle. The extent of glycosylation was assessed by measuring the shift  
in apparent molecular mass of the .alpha.2 component following  
electrophoresis in sodium dodecyl sulphate/polyacrylamide gels, using  
anti(.alpha.2-subunit) monoclonal antibody staining of immunoblots.  
Chemical deglycosylation with trifluoromethanesulphonic acid produced a  
shift in apparent molecular mass...  
...200-110 by 73 .+-. 2% and 77 .+-. 5% respectively, with no change in  
apparent dissociation constant, implying a possible role for the  
glycosylated subunits in the binding of 1,4-dihydropyridines...  
DESCRIPTORS: RABBIT RAT

15/K/3 (Item 1 from file: 34)  
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci  
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05605169 Genuine Article#: WK107 No. References: 62

**Title: The receptor for advanced glycation end products mediates the  
chemotaxis of rabbit smooth muscle cells**

Author(s): Higashi T; Sano H; Saishoji T; Ikeda K; Jinnouchi Y; Kanzaki T;  
Morisaki N; Rauvala H; Shichiri M; Horiuchi S (REPRINT)  
Corporate Source: KUMAMOTO UNIV,SCH MED, DEPT BIOCHEM, HONJO 2-2-1/KUMAMOTO  
860//JAPAN/ (REPRINT); KUMAMOTO UNIV,SCH MED, DEPT BIOCHEM/KUMAMOTO  
860//JAPAN/; KUMAMOTO UNIV,SCH MED, DEPT METAB MED/KUMAMOTO 860//JAPAN/  
; CHIBA UNIV,SCH MED, DEPT INTERNAL MED/CHIBA 280//JAPAN/; UNIV  
HELSINKI,INST BIOTECHNOL/FIN-00014 HELSINKI//FINLAND/  
Journal: DIABETES, 1997, V46, N3 (MAR), P463-472  
ISSN: 0012-1797 Publication date: 19970300  
Publisher: AMER DIABETES ASSOC, 1660 DUKE ST, ALEXANDRIA, VA 22314  
Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

**Title: The receptor for advanced glycation end products mediates the  
chemotaxis of rabbit smooth muscle cells**

...Abstract: accumulation in these foam cells, we have now characterized  
the interaction of AGE proteins with rabbit -cultured arterial SMCs.  
In experiments at 4 degrees C, I-125-labeled AGE-bovine serum albumin  
(AGE-BSA) showed a dose-dependent saturable binding to SMCs with an  
apparent dissociation constant (K-d) of 4.0 mu g/ml. In experiments  
at 37 degrees C, AGE...  
...SMC migration was chemotactic in nature and was significantly inhibited

(similar to 80%) by an antibody against transforming growth factor-beta (TGF-beta), and the amount of TGF-beta secreted into...  
Research Fronts: 95-2114 001 (ADVANCED GLYCATION END-PRODUCTS; DIABETIC NEPHROPATHY; AUTOXIDATIVE GLYCOSYLATION ; RAT LUNG COLLAGEN)  
95-7650 001 (RAT VASCULAR SMOOTH-MUSCLE CELLS; CORONARY ATHEROSCLEROSIS; MONONUCLEAR LEUKOCYTES INVADE RABBIT ARTERIAL INTIMA DURING THICKENING FORMATION)

15/K/4 (Item 2 from file: 34)  
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci  
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00746159 Genuine Article#: ET575 No. References: 49  
Title: CLONING AND EXPRESSION OF THE HUMAN SUBSTANCE-K RECEPTOR AND ANALYSIS OF ITS ROLE IN MITOGENESIS  
Author(s): KRIS RM; SOUTH V; SALTZMAN A; FELDER S; RICCA GA; JAYE M; HUEBNER K; KAGAN J; CROCE CM; SCHLESSINGER J  
Corporate Source: NYU, SCH MED, DEPT PHARMACOL, 550 1ST AVE/NEW YORK//NY/10016 ; RORER BIOTECHNOL INC/KING OF PRUSSIA//PA/19406; TEMPLE UNIV, HLTH SCI CTR, SCH MED, FELS INST CANCRES & MOLEC BIOL/PHILADELPHIA//PA/19140  
Journal: CELL GROWTH & DIFFERENTIATION, 1991, V2, N1, P15-22  
Language: ENGLISH Document Type: ARTICLE (Abstract Available)

...Abstract: 125-labeled substance K binding indicates approximately 100,000 receptors/cell with a single dissociation constant of 12 nM. Covalent cross-linking experiments utilizing I-125-substance K and three different...

...demonstrate an apparent molecular weight of 45,000, consistent with little or no N-linked glycosylation. The binding of substance K to its receptor on transfected cells led to a rapid...

...Research Fronts: 005 (MUSCARINIC RECEPTOR SUBTYPES; MURINE FIBROBLAST B82 CELLS; FUNCTIONAL INTERRELATIONSHIPS)  
89-1881 001 (SPECIFIC AEROMONAS ANTIBODY SECRETION IN RAT INTESTINE; SENSORY NEUROPEPTIDES; NEURO-ENDOCRINE REGULATION; LYMPHOCYTES INVITRO)  
89-1985 001 (PROTEIN...

...LOCALIZATION)  
89-3409 001 (IODINATED SUBSTANCE-P ANALOG; RAT SPINAL-CORD; SELECTIVE TACHYKININ RECEPTOR AGONISTS; RABBIT DORSAL-ROOT GANGLIA NEURONS)

?

S (ANTIBOD? OR RABBIT?)  
1689557 ANTIBOD?  
748126 RABBIT?  
S16 2338156 (ANTIBOD? OR RABBIT?)

?

S (KAPPA OR LIGHT (W) CHAIN)  
160872 KAPPA  
1079092 LIGHT  
1243204 CHAIN  
56090 LIGHT(W)CHAIN  
S17 209027 (KAPPA OR LIGHT (W) CHAIN)

?

Set	Items	Description
S1	101	RABBIT ANTIBODY

S2 1142254 ANTIBODY  
 S3 650479 RABBIT  
 S4 60013 S2 AND S3  
 S5 80418 GLYCOSYLATION  
 S6 521 S4 AND S5  
 S7 228 (KAPPA (W) CONSTANT)  
 S8 0 S6 AND S7  
 S9 714679 CONSTANT  
 S10 160872 KAPPA  
 S11 4407 S9 AND S10  
 S12 0 S6 AND S11  
 S13 3 S6 AND S10  
 S14 5 S6 AND S9  
 S15 4 RD S14 (unique items)  
 S16 2338156 (ANTIBOD? OR RABBIT?)  
 S17 209027 (KAPPA OR LIGHT (W) CHAIN)  
 ?

S GLYCOSYLAT?

S18 118570 GLYCOSYLAT?

?

Set	Items	Description
S1	101	RABBIT ANTIBODY
S2	1142254	ANTIBODY
S3	650479	RABBIT
S4	60013	S2 AND S3
S5	80418	GLYCOSYLATION
S6	521	S4 AND S5
S7	228	(KAPPA (W) CONSTANT)
S8	0	S6 AND S7
S9	714679	CONSTANT
S10	160872	KAPPA
S11	4407	S9 AND S10
S12	0	S6 AND S11
S13	3	S6 AND S10
S14	5	S6 AND S9
S15	4	RD S14 (unique items)
S16	2338156	(ANTIBOD? OR RABBIT?)
S17	209027	(KAPPA OR LIGHT (W) CHAIN)
S18	118570	GLYCOSYLAT?
?		

S S16 AND S17

2338156 S16

209027 S17

S19 32020 S16 AND S17

?

Set	Items	Description
S1	101	RABBIT ANTIBODY
S2	1142254	ANTIBODY
S3	650479	RABBIT
S4	60013	S2 AND S3
S5	80418	GLYCOSYLATION
S6	521	S4 AND S5
S7	228	(KAPPA (W) CONSTANT)
S8	0	S6 AND S7

```

S9      714679  CONSTANT
S10     160872  KAPPA
S11      4407   S9 AND S10
S12       0    S6 AND S11
S13       3    S6 AND S10
S14       5    S6 AND S9
S15       4    RD S14  (unique items)
S16    2338156  (ANTIBOD? OR RABBIT?)
S17     209027  (KAPPA OR LIGHT (W) CHAIN)
S18     118570  GLYCOSYLAT?
S19      32020  S16 AND S17
?
```

```

S S19 AND S18
      32020  S19
      118570 S18
S20      379  S19 AND S18
?
```

Set	Items	Description
S1	101	RABBIT ANTIBODY
S2	1142254	ANTIBODY
S3	650479	RABBIT
S4	60013	S2 AND S3
S5	80418	GLYCOSYLATION
S6	521	S4 AND S5
S7	228	(KAPPA (W) CONSTANT)
S8	0	S6 AND S7
S9	714679	CONSTANT
S10	160872	KAPPA
S11	4407	S9 AND S10
S12	0	S6 AND S11
S13	3	S6 AND S10
S14	5	S6 AND S9
S15	4	RD S14  (unique items)
S16	2338156	(ANTIBOD? OR RABBIT?)
S17	209027	(KAPPA OR LIGHT (W) CHAIN)
S18	118570	GLYCOSYLAT?
S19	32020	S16 AND S17
S20	379	S19 AND S18

?

```

S (ANTIBOD? (N)  RABBIT?)
      1689557  ANTIBOD?
      748126  RABBIT?
S21    10482  (ANTIBOD? (N)  RABBIT?)
?
```

Set	Items	Description
S1	101	RABBIT ANTIBODY
S2	1142254	ANTIBODY
S3	650479	RABBIT
S4	60013	S2 AND S3
S5	80418	GLYCOSYLATION
S6	521	S4 AND S5
S7	228	(KAPPA (W) CONSTANT)
S8	0	S6 AND S7
S9	714679	CONSTANT

S10 160872 KAPPA  
S11 4407 S9 AND S10  
S12 0 S6 AND S11  
S13 3 S6 AND S10  
S14 5 S6 AND S9  
S15 4 RD S14 (unique items)  
S16 2338156 (ANTIBOD? OR RABBIT?)  
S17 209027 (KAPPA OR LIGHT (W) CHAIN)  
S18 118570 GLYCOSYLAT?  
S19 32020 S16 AND S17  
S20 379 S19 AND S18  
S21 10482 (ANTIBOD? (N) RABBIT?)  
?

S 21 AND S17  
939526 21  
209027 S17  
S22 5241 21 AND S17  
?

Set	Items	Description
S1	101	RABBIT ANTIBODY
S2	1142254	ANTIBODY
S3	650479	RABBIT
S4	60013	S2 AND S3
S5	80418	GLYCOSYLATION
S6	521	S4 AND S5
S7	228	(KAPPA (W) CONSTANT)
S8	0	S6 AND S7
S9	714679	CONSTANT
S10	160872	KAPPA
S11	4407	S9 AND S10
S12	0	S6 AND S11
S13	3	S6 AND S10
S14	5	S6 AND S9
S15	4	RD S14 (unique items)
S16	2338156	(ANTIBOD? OR RABBIT?)
S17	209027	(KAPPA OR LIGHT (W) CHAIN)
S18	118570	GLYCOSYLAT?
S19	32020	S16 AND S17
S20	379	S19 AND S18
S21	10482	(ANTIBOD? (N) RABBIT?)
S22	5241	21 AND S17
		?

S S22 AND S18  
5241 S22  
118570 S18  
S23 34 S22 AND S18  
?

RD S23  
S24 22 RD S23 (unique items)  
?

TYPE S24/MEDIUM,K/1-22

24/K/1 (Item 1 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)

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0015002881 BIOSIS NO.: 200400373670

**Characterization of the murine alpha interferon gene family**

AUTHOR: van Pesch Vincent; Lanaya Hanane; Renauld Jean-Christophe; Michiels Thomas (Reprint)

AUTHOR ADDRESS: Christian Duve Inst Cellular Pathol, Univ Louvain,  
MIPA-VIRO 74-49, 74 Ave Hippocrate, B-1200, Brussels, Belgium\*\*Belgium

AUTHOR E-MAIL ADDRESS: michiels@mipa.ucl.ac.be

JOURNAL: Journal of Virology 78 (15): p8219-8228 August 2004 2004

MEDIUM: print

ISSN: 0022-538X (ISSN print)

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

...ABSTRACT: closely related alpha interferon (IFN-alpha) subtypes.  
IFN-alpha, as well as IFN-beta, IFN- kappa , IFN-epsilon, and limitin,  
are thought to bind the same receptor, raising the question of...

...IFN-alpha7/10 exhibited lower activity. Most murine IFN-alpha turned out  
to be N- glycosylated . However, no correlation was found between N-  
glycosylation and activity. The various IFN-et subtypes displayed a good  
correlation between their antiviral and...

DESCRIPTORS:

...ORGANISMS: BHK- 21 cell line (Cricetidae...)

24/K/2 (Item 2 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2006 BIOSIS. All rts. reserv.

0012538069 BIOSIS NO.: 200000256382

**New immunofluorescence assays for detection of Human herpesvirus 8-specific antibodies**

AUTHOR: Inoue Naoki (Reprint); Mar Eng-Chun; Dollard Sheila C; Pau  
Chou-Pong; Zheng Qi; Pellett Philip E

AUTHOR ADDRESS: Centers for Disease Control and Prevention, MS-G18, 1600  
Clifton Rd., Atlanta, GA, 30333, USA\*\*USA

JOURNAL: Clinical and Diagnostic Laboratory Immunology 7 (3): p427-435  
May, 2000 2000

MEDIUM: print

ISSN: 1071-412X

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

...ABSTRACT: viruses (rSFVs) expressing the HHV-8-specific proteins ORF73  
and K8.1 and used BHK- 21 cells infected with these rSFVs for IFA  
(ORF73-IFA and K8.1-IFA). Expression of...

...for IFA and thereby increased specificity. The rSFV system also allowed  
detection of antibodies against glycosylation -dependent epitopes of  
K8.1. Titers measured by rSFV-based IFAs and PEL-based IFAs...

...0.9), and concordances of seroreactivities between rSFV-based and  
PEL-based IFAs were >97% ( kappa > 0.93). K8.1-IFA was more sensitive  
than either ORF73-IFA or peptide ELISAs...

DESCRIPTORS:

ORGANISMS: BHK- 21 cell line (Cricetidae...)

24/K/3 (Item 3 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2006 BIOSIS. All rts. reserv.

0012108334 BIOSIS NO.: 199900367994

**Modifications of Igalpha and Igbeta expression as a function of B lineage differentiation**

AUTHOR: Benlagha Kamel; Guglielmi Paul; Cooper Max D; Lassoued Kaiss  
(Reprint)

AUTHOR ADDRESS: Laboratoire d'Immunopathologie, Institut d'Hematologie,  
Hopital Saint-Louis, 1, Avenue Claude Vellefaux, 75475, Paris Cedex 10,  
France\*\*France

JOURNAL: Journal of Biological Chemistry 274 (27): p19389-19396 July 2,  
1999 1999

MEDIUM: print

ISSN: 0021-9258

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

...ABSTRACT: kDa glycoprotein. Deglycosylation revealed a major Igalpha core protein of 25 kDa and a minor 21 -kDa Igalpha protein, apparently the product of an alternatively spliced mRNA. In pro-B cells, the Igalpha and Igbeta molecules existed primarily in separate unassembled pools, exhibited an immature glycosylation pattern, did not associate with surrogate light chain proteins, and were retained intracellularly. Their unanticipated association with the Lyn protein-tyrosine kinase nevertheless...

...Igalpha and Igbeta molecules in pre-B and B cell lines was attributable to increased glycosylation complexity. Finally, the Igalpha/Igbeta heterodimers associated with fully assembled IgM molecules as a terminal ...

24/K/4 (Item 4 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

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0011764360 BIOSIS NO.: 199900024020

**Crystal structure at 1.95 A resolution of the breast tumour-specific antibody SM3 complexed with its peptide epitope reveals novel hypervariable loop recognition**

AUTHOR: Dokurno Pawel; Bates Paul A; Band Heather A; Stewart Lorna M D;  
Lally John M; Burchell Joy M; Taylor-Papadimitriou Joyce; Snary David;  
Sternberg Michael J E; Freemont Paul S (Reprint)

AUTHOR ADDRESS: Mol. Struct. Funct. Lab., Imperial Cancer Res. Fund, 44  
Lincoln's Inn Fields, London WC2A 3PX, UK\*\*UK

JOURNAL: Journal of Molecular Biology 284 (3): p713-728 Dec. 4, 1998 1998

MEDIUM: print

ISSN: 0022-2836

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

...ABSTRACT: associated mucin. SM3 recognizes the core repeating motif (Pro-Asp-Thr-Arg-Pro) of aberrantly glycosylated epithelial mucin MUC1, and has potential as a therapeutic and diagnostic tool. Here we report...

...the current model is refined at 1.95 Å resolution with an R-factor of 21.3% and R-free 28.3%. The MUC1 peptide is bound both by non-polar...

...in the antibody-combining site through interactions with Complementarity Determining Regions (CDRs), three of the light chain (L1, L2, L3) and two of the heavy chain (H1 and H3). The conformation of...

DESCRIPTORS:

CHEMICALS & BIOCHEMICALS: ...aberrantly glycosylated epithelial mucin  
...

24/K/5 (Item 5 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

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0011502653 BIOSIS NO.: 199800296900

**Sequence analysis of Camelus dromedarius milk caseins**

AUTHOR: Kappeler Stefan (Reprint); Farah Zakaria; Puhan Zdenko

AUTHOR ADDRESS: Lab. Milchwissenschaft, Inst. Lebensmittelwissenschaft,  
Eidgenössische Technische Hochschule, CH-8092 Zurich, Switzerland\*\*  
Switzerland

JOURNAL: Journal of Dairy Research 65 (2): p209-222 May, 1998 1998

MEDIUM: print

ISSN: 0022-0299

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

ABSTRACT: alphas1-, and alphas2-, beta- and kappa -caseins from Somali camels (Camelus dromedarius) were purified by acid precipitation at pH 4.4...

...residues in the sequences deduced were alphaS1-CN 207, alphaS2-CN 178, beta-CN 217, kappa -CN 162. Percentage similarity to bovine proteins was alphaS1-CN A 39, alphaS2-CN 56, beta-CN 64, kappa -CN 56.

Acid-precipitated casein of pooled milk was separated by reversed-phase HPLC and...

...integration, was (g/kg total casein) alphaS1-CN 220, alphaS2-CN 95, 8-CN 650, kappa -CN 35. Degrees of phosphorylation and glycosylation were determined by laser ionization mass spectrometry and sequence pattern analysis. Molecular masses determined were...

...alphaS1-CN A, 24.755 and 24.668; alphaS1-CN B, 25.293; alphaS2-CN 21.993; beta-CN, 24.900; kappa -CN 22.294-22.987. The pH values of the most probable isoelectric points were...

...CN B 6P 4.40, alphaS2-CN 9P 4.58, beta-CN 4P 4.66, kappa -CN 1P, with ten sialic acid residues bound, 4.10.

DESCRIPTORS:

CHEMICALS & BIOCHEMICALS: ... kappa -casein

24/K/6 (Item 6 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

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0011479093 BIOSIS NO.: 199800273340

**Leukocyte-endothelial interaction is augmented by high glucose**



**concentrations and hyperglycemia in a NF-kB-dependent fashion**

AUTHOR: Morigi Marina (Reprint); Angioletti Stefania; Imberti Barbara;  
Donadelli Roberta; Micheletti Gianluca; Figliuzzi Marina; Remuzzi Andrea;  
Zoja Carla; Remuzzi Giuseppe

AUTHOR ADDRESS: Mario Negri Inst. Pharmacological Res., Via Gavazzeni 11,  
24125 Bergamo, Italy\*\*Italy

JOURNAL: Journal of Clinical Investigation 101 (9): p1905-1915 May 1, 1998  
1998

MEDIUM: print

ISSN: 0021-9738

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

...ABSTRACT: cells for 24 h to normal (5 mM), high concentration of glucose (30 mM), advanced glycosylation end product-albumin (100 mug/ml), or hyperglycemic (174-316 mg/dl) sera from patients...

...30 mM glucose: 76.7 +/- 3.5; IL1beta: 69.7 +/- 4 versus 5 mM glucose: 21.5 +/- 5 mum). Functional blocking of E-selectin, intercellular cell adhesion molecule-1, and vascular...

...inhibited glucose-induced increase in leukocyte adhesion (67 +/- 16, 83 +/- 12, 62 +/- 8 versus 144 +/- 21 cells/mm2). Confocal fluorescence microscopy studies showed that 30 mM glucose induced an increase in...

...mM glucose, a significant (P < 0.05) reduction in the adhesion was also seen. Advanced glycosylation end product-albumin significantly increased the number of adhering leukocytes in respect to native albumin

## DESCRIPTORS:

CHEMICALS & BIOCHEMICALS: ...NF- kappa B...

24/K/7 (Item 7 from file: 5)

DIALOG(R)File 5: Biosis Previews(R)

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0009771614 BIOSIS NO.: 199598239447

**Effects of kappa-casein glycosylation on heat stability of milk**

AUTHOR: Robitaille Gilles (Reprint); Ayers Carolyn

AUTHOR ADDRESS: Maisonneuve-Rosemont Res. Cent., 5415 L'Assomption,  
Montreal H1T 2M4, Canada\*\*Canada

JOURNAL: Food Research International 28 (1): p17-21 1995 1995

ISSN: 0963-9969

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

**Effects of kappa -casein glycosylation on heat stability of milk**

ABSTRACT: A study was conducted to determine the relationship between the degree of glycosylation of kappa -casein (CN) and heat stability of milk at 140 degree C between pH 6.2 and 6.9. Morning milk samples from individual Holstein cows (genotypes kappa -CN AA, beta-CN A-1A-2, alpha-s1-CN BB, beta-lactoglobulin (LG) AB...

...pH (HCT-pH) curves were determined for 37 individual milk samples having various degrees of glycosylation of kappa -CN, estimated through the N-acetylneuraminic acid (NANA) content in mu-g/mg of kappa -CN (NANA/

kappa -CN). The mean NANA/ kappa -CN, HCT-max, and HCT-min were 50.3 +- 22.3 mu-g/mg, 17...

...min, respectively. The results of statistical analysis showed that the variations in the degree of glycosylation of KCN in normal milk did not significantly affect (P gt 0.1) the heat...

...of 14 individual milk samples, untreated and neuraminidase-treated to extensively remove NANA associated with kappa -CN, were compared. The average NANA/ kappa -CN before treatment, the HCT-max, and HCT-min were 78.3 +- 24.9 mu-g/mg, 21 .4 +- 1.5 min and 3-6 +- 0.8 min, respectively. As no effect of...

...these results indicate that the charges and the extent of hydrophilicity of the heat-induced kappa -CN/beta-LG complexes are not the crucial factors for the production of kappa -CN depleted micelles upon heating and that the glycosylation of kappa -CN does not affect its heat-induced interaction with beta-LG.

24/K/8 (Item 8 from file: 5)

DIALOG(R)File 5: Biosis Previews(R)

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0008876179 BIOSIS NO.: 199396040595

**Expression cloning of the early activation antigen CD69, a type II integral membrane protein with a C-type lectin domain**

AUTHOR: Hamann Joerg (Reprint); Fiebig Helmut; Strauss Michael

AUTHOR ADDRESS: Max-Planck-Gesellschaft, Arbeitsgruppe

Zellteilungsregulation und Gensubstitution, Max-Delbrueck-Haus,

Robert-Roessle-Strasse 10, D-O-1115 Berlin-Buch, Germany\*\*Germany

JOURNAL: Journal of Immunology 150 (11): p4920-4927 1993

ISSN: 0022-1767

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

...ABSTRACT: which suggests that it is a type II membrane protein. It has one potential N- glycosylation site at amino acid 166. Two glycosylated forms of 26 to 28 kDa and 32 to 34 kDa were detected both in...

...protein with the N-terminal 40 amino acids in the cytoplasm, a transmembrane domain of 21 amino acids, and C-terminal 138 amino acids as the extracellular domain. Homology searches revealed...

DESCRIPTORS:

MISCELLANEOUS TERMS: ...IMMUNOGLOBULIN KAPPA LIGHT CHAIN ;

24/K/9 (Item 9 from file: 5)

DIALOG(R)File 5: Biosis Previews(R)

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0008371532 BIOSIS NO.: 199294073373

**COMPLEMENTARY DNA SEQUENCE OF HUMAN AMYLOIDOGENIC IMMUNOGLOBULIN LIGHT-CHAIN PRECURSORS**

AUTHOR: AUCOUTURIER P (Reprint); KHAMLICH A A; PREUD'HOMME J-L; BAUWENS M; TOUCHARD G; COGNE M

AUTHOR ADDRESS: LAB IMMUNOLOGY IMMUNOPATHOLOGY MOLECULAR IMMUNOLOGY, CNRS URA 1172, F-86021 POITIERS, FR\*\*FRANCE

JOURNAL: Biochemical Journal 285 (1): p149-152 1992

ISSN: 0264-6021  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: ENGLISH

**COMPLEMENTARY DNA SEQUENCE OF HUMAN AMYLOIDOGENIC IMMUNOGLOBULIN LIGHT - CHAIN PRECURSORS**

...ABSTRACT: DNA (cDNA) from bone marrow cells from patients affected with classical .lambda. (patient Air) or . kappa . (patient Arn) amyloidosis and from a patient (Aub) in whom .lambda. amyloid deposits were unusual ...  
...normal size, as estimated by Northern blotting, and encoded normal-sized light chains. The deduced light - chain sequence from patient Arn was related to the V. kappa .1 subgroup, and included ten residues that had not been previously reported at these positions, only one of which (Leu-21 ) was located in a .beta.-sheet (4-2). The unusual presence of Asn-70 determined a potential N- glycosylation site. The sequence of the light chain from patient Air belonged to the V.lambda.1 subgroup, and included three unusually located...  
...of which had already been reported in an amyloidogenic .lambda.-chain. The sequence of the light chain from patient Aub was related to the V.lambda.a subgroup, and contained five amino...  
...DESCRIPTORS: EMBL-X64134 GENBANK-X64132 GENBANK-X64133 GENBANK-X64134 DDBJ-X64132 DDBJ-X64133 DDBJ-X64134 AMYLOID LIGHT CHAIN -TYPE AMYLOIDOSIS

24/K/10 (Item 10 from file: 5)  
DIALOG(R)File 5:BIOSIS Previews(R)  
(c) 2006 BIOSIS. All rts. reserv.

0008345596 BIOSIS NO.: 199294047437  
**HEMOPHILIA A DUE TO MUTATIONS THAT CREATE NEW N GLYCOSYLATION SITES**  
AUTHOR: ALY A M (Reprint); HIGUCHI M; KASPER C K; KAZAZIAN H H JR;  
ANTONARAKIS S E; HOYER L W  
AUTHOR ADDRESS: HOLLAND LABORATORY, AMERICAN RED CROSS BLOOD SERVICES,  
15601 CRABBS BRANCH WAY, ROCKVILLE, MD 20855, USA\*\*USA  
JOURNAL: Proceedings of the National Academy of Sciences of the United States of America 89 (11): p4933-4937 1992  
ISSN: 0027-8424  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: ENGLISH

**HEMOPHILIA A DUE TO MUTATIONS THAT CREATE NEW N GLYCOSYLATION SITES**

...ABSTRACT: coding DNA sequence followed by nucleotide sequencing of the abnormal PCR products. In patient ARC- 21 , a methionine-to-threonine substitution at position 1772 in the factor VIII light chain creates a potential new N- glycosylation site at asparagine-1770. In patient ARC-22, an isoleucine-to-threonine substitution at position 566 creates a potential new N- glycosylation site at asparagine-564 in the A2 domain of the factor VIII heavy chain. The...

24/K/11 (Item 11 from file: 5)  
DIALOG(R)File 5:BIOSIS Previews(R)  
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0007756503 BIOSIS NO.: 199192002274

**MICROHETEROGENEITY OF RAT SUBMAXILLARY GLAND KALLIKREIN K10 A MEMBER OF THE KALLIKREIN FAMILY**

AUTHOR: GUTMAN N (Reprint); ELMOUJAHED A; BRILLARD M; DU SORBIER B M; GAUTHIER F

AUTHOR ADDRESS: UNIV FRANCOIS RABELAIS CNRS URA 1334, 2 BIS BD TONNELLE, F-37032 TOURS CEDEX, FR\*\*FRANCE

JOURNAL: European Journal of Biochemistry 197 (2): p425-430 1991

ISSN: 0014-2956

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: ENGLISH

...ABSTRACT: gene or mRNA has so far been found. Kallikrein k10 is microheterogeneous due to variable glycosylation of its N-terminal light chain and to variable processing at its kallikrein loop, as shown by endo-.beta.-N-acetylglucosaminidase...

DESCRIPTORS: EC 3.4. 21 .35 ENDOPEPTIDASE 5 MOLECULAR SEQUENCE DATA AMINO ACID SEQUENCE

24/K/12 (Item 12 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

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0006623083 BIOSIS NO.: 198987070974

**STRUCTURAL REQUIREMENTS FOR IGM ASSEMBLY AND CYTOLYTIC ACTIVITY EFFECTS OF MUTATIONS IN THE OLIGOSACCHARIDE ACCEPTOR SITE AT ASN402**

AUTHOR: MURAOKA S (Reprint); SHULMAN M J

AUTHOR ADDRESS: DEP IMMUNOL, MED SCI BLDG, UNIV TORONTO, TORONTO, ONTARIO M5S 1A8 CANADA\*\*CANADA

JOURNAL: Journal of Immunology 142 (2): p695-701 1989

ISSN: 0022-1767

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: ENGLISH

ABSTRACT: Glycosylation of IgG occurs at asparagine 297 of the .gamma. H chain and is necessary for...

...normal capacity of IgG to activate the classical pathway of complement-dependent cytolysis. IgM is glycosylated at five sites in the constant region of the .mu. H chain, of which glycosylation at asparagine 402 seems analogous to the glycosylation of IgG. In order to assess the importance of glycosylation at asparagine 402 for IgM cytolytic activity, we have used site-directed mutagenesis to produce IgM which is not glycosylated at this position. In particular we have tested the effects of substituting Gln for Asn...

...substitutions by expressing the mutant .mu. genes in hybridoma cells which produce the hapten-specific . kappa .-chain. The normal .mu.-chain is glycosylated at Asn 402, and, as expected, these mutations appear to abrogate glycosylation of the mutant .mu.-chains at position 402 and do not affect the hepten affinity...

...of monomeric rather than polymeric IgM: the ratio of monomeric to polymeric IgM is 0. 21 , 3.5, and 10.3 for wild-type IgM, IgM-Gln 402, and IgM-Thr...

DESCRIPTORS: MOUSE IMMUNOGLOBULIN M GLYCOSYLATION

24/K/13 (Item 13 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

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0006035910 BIOSIS NO.: 198885004801

**MOLECULAR CHARACTERIZATION OF THE MURINE CYTOTOXIC T-CELL MEMBRANE  
GLYCOPROTEIN LY-3 CD8**

AUTHOR: PANACCIO M (Reprint); GILLESPIE M T; WALKER I D; KIRSZBAUM L;  
SHARPE J A; TOBIAS G H; MCKENZIE I F C; DEACON N J

AUTHOR ADDRESS: RES CENT CANCER TRANSPLANT, DEP PATHOL, UNIV MELBOURNE,  
PARKVILLE, VIC 3052, AUST\*\*AUSTRALIA

JOURNAL: Proceedings of the National Academy of Sciences of the United  
States of America 84 (19): p6874-6878 1987

ISSN: 0027-8424

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: ENGLISH

...ABSTRACT: Ly-3.2 cDNA clones encode a protein of 213 amino acids, which includes a 21 -residue leader sequence and structural features in common with immunoglobulin variable, joining, and hinge regions...

...a member of the immunoglobulin superfamily with significant homology to Ly-2, immunoglobulin variable region . kappa . and .lambda. light chains, and the .beta. chain to the T-cell receptor. A single N-linked glycosylation site was found at asparagine-13. The relative expression of two mRNA species (approximately 1...

24/K/14 (Item 14 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

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0003967056 BIOSIS NO.: 198376058491

**MOLECULAR CHARACTERIZATION OF A NONSECRETING MYELOMA MUTANT**

AUTHOR: ARGON Y (Reprint); BURRONE O R; MILSTEIN C

AUTHOR ADDRESS: MRC LABORATORY OF MOLECULAR BIOLOGY, HILLS ROAD, CAMBRIDGE  
CB2 2QH, GB, UK\*\*UK

JOURNAL: European Journal of Immunology 13 (4): p301-305 1983

ISSN: 0014-2980

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: ENGLISH

ABSTRACT: The nonsecreting myeloma mutant, NSII/1, derived from the MOPC 21 mouse myeloma cell line, does not produce L chains and expresses a smaller than normal...

...from NSII/1 only 1 L chain mRNA expressed which belongs to an aberrantly rearranged kappa gene was found. The H\* H chain is the result of a point mutation. H...

...rise to a 67 amino acid deletion at the C-terminus. The H\* is core-glycosylated , but its state of assembly is abnormal: H\* forms high-MW, S.sbd.S-bonded...

DESCRIPTORS: MOUSE MOPC- 21 MYELOMA CELLS GAMMA 1 HEAVY CHAIN LIGHT  
CHAIN EXPRESSION KAPPA GENE POINT MUTATION FREE HEAVY CHAIN TOXICITY  
MESSENGER RNA

24/K/15 (Item 15 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2006 BIOSIS. All rts. reserv.

0003268858 BIOSIS NO.: 198172002809

**GLYCOSYLATION CAUSES AN APPARENT BLOCK IN TRANSLATION OF IMMUNO GLOBULIN  
HEAVY CHAIN**

AUTHOR: BERGMAN L W (Reprint); HARRIS E; KUEHL W M

AUTHOR ADDRESS: DEV BIOCHEM SECT, LAB NUTR ENDOCRINOL, NATL INST ARTHRITIS,

METAB DIG DIS, ROOM B1-32, BUILD, BETHESDA, MD 20205, USA\*\*USA

JOURNAL: Journal of Biological Chemistry 256 (2): p701-706 1981

ISSN: 0021-9258

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: ENGLISH

**GLYCOSYLATION CAUSES AN APPARENT BLOCK IN TRANSLATION OF IMMUNO GLOBULIN  
HEAVY CHAIN**

ABSTRACT: Analysis of nascent H chains isolated from MPC 11 (.gamma.2b H chains) and MOPC 21 (.gamma.1 H chains) mouse myeloma cells demonstrates an accumulation of nascent H chains which...

...smaller in mass (.apprx. 35,000 daltons) than nascent H chains which had just been glycosylated (.apprx. 38,000 daltons). The accumulation of 35,000-dalton nascent H chain appears to be a consequence of the glycosylation process since tunicamycin, a glycosylation inhibitor, abolishes the apparent translational block manifested by the accumulation of 35,000-dalton nascent...

...nonglycosylated L chain synthesized by the same cell. Apparently the translation block, caused by the glycosylation process, of H chain synthesis contributes to the imbalance of H chain and L chain...

DESCRIPTORS: MURINE MYELOMA MOPC- 21 CELLS MPC-11 CELLS TUNICAMYCIN

METABOLIC-DRUG IMMUNO GLOBULIN G IMMUNO GLOBULIN LIGHT CHAIN SYNTHESIS

24/K/16 (Item 1 from file: 73)

DIALOG(R)File 73:EMBASE

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07475354 EMBASE No: 1998410158

**Crystal structure at 1.95 Angstrom resolution of the breast  
tumour-specific antibody SM3 complexed with its peptide epitope reveals  
novel hypervariable loop recognition**

Dokurno P.; Bates P.A.; Band H.A.; Stewart L.M.D.; Lally J.M.; Burchell J.M.; Taylor-Papadimitriou J.; Snary D.; Sternberg M.J.E.; Freemont P.S.

P.S. Freemont, Molecular Structure and Function Lab, Imperial Cancer Research Fund, 44 Lincoln's Inn Fields, London WC2A 3PX United Kingdom

AUTHOR EMAIL: freemont@icrf.icnet.uk

Journal of Molecular Biology ( J. MOL. BIOL. ) (United Kingdom) 04 DEC 1998, 284/3 (713-728)

CODEN: JMOBA ISSN: 0022-2836

DOCUMENT TYPE: Journal; Article

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 61

...associated mucin. SM3 recognises the core repeating motif

(Pro-Asp-Thr-Arg-Pro) of aberrantly glycosylated epithelial mucin MUC1, and has potential as a therapeutic and diagnostic tool. Here we report...

...the current model is refined at 1.95 Angstrom resolution with an R-factor of 21.3% and R-free 28.3%. The MUC1 peptide is bound both by non-polar...

...in the antibody-combining site through interactions with Complementarity Determining Regions (CDRs), three of the light chain (L1, L2, L3) and two of the heavy chain (H1 and H3). The conformation of...

**DRUG DESCRIPTORS:**

epitope--endogenous compound--ec; immunoglobulin f(ab) fragment--endogenous compound--ec; glycosylated protein--endogenous compound--ec; mucin like carcinoma associated antigen--endogenous compound--ec; immunoglobulin light chain --endogenous compound--ec; immunoglobulin heavy chain --endogenous compound--ec

24/K/17 (Item 1 from file: 34)

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci

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06725204 Genuine Article#: ZN286 No. References: 51

**Title: Leukocyte-endothelial interaction is augmented by high glucose concentrations and hyperglycemia in a NF-kappa B-dependent fashion**

Author(s): Morigi M (REPRINT) ; Angioletti S; Imberti B; Donadelli R; Micheletti G; Figliuzzi M; Remuzzi A; Zoja C; Remuzzi G

Corporate Source: MARIO NEGRI INST PHARMACOL RES,VIA GAVAZZENI 11/I-24125 BERGAMO//ITALY/ (REPRINT); OSPED RIUNITI BERGAMO,AZIENDA OSPED, DIV NEPHROL & DIALYSIS/I-24128 BERGAMO//ITALY/

Journal: JOURNAL OF CLINICAL INVESTIGATION, 1998, V101, N9 (MAY 1), P 1905-1915

ISSN: 0021-9738 Publication date: 19980501

Publisher: ROCKEFELLER UNIV PRESS, 1114 FIRST AVE, 4TH FL, NEW YORK, NY 10021

Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

**Title: Leukocyte-endothelial interaction is augmented by high glucose concentrations and hyperglycemia in a NF-kappa B-dependent fashion**

...Abstract: cells for 24 h to normal (5 mM), high concentration of glucose (30 mM), advanced glycosylation end product-albumin (100 mu g/ml), or hyperglycemic (174-316 mg/dl) sera from...

...mM glucose: 76.7+/-3.5; IL1 beta: 69.7+/-4 versus 5 mM glucose: 21.5+/-5 mu m). Functional blocking of E-selectin, intercellular cell adhesion molecule-1, and...

...inhibited glucose-induced increase in leukocyte adhesion (67+/-16, 83+/-12, 62+/-8 versus 144+/-21 cells/mm(2)). Confocal fluorescence microscopy studies showed that 30 mM glucose induced an increase...

...mM glucose, a significant (P < 0.05) reduction in the adhesion was also seen. Advanced glycosylation end product-albumin significantly increased the number of adhering leukocytes in respect to native albumin...

...Identifiers-- GLYCOSYLATION END-PRODUCTS; CELL-ADHESION MOLECULE-1; PROTEIN-KINASE-C; TRANSCRIPTION FACTOR; VASCULAR-DISEASE; SHEAR-STRESS

24/K/18 (Item 2 from file: 34)

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci

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03929980 Genuine Article#: QU091 No. References: 65

**Title: MOLECULAR-CLONING OF CHICK BETA-TECTORIN, AN EXTRACELLULAR-MATRIX MOLECULE OF THE INNER-EAR**

Author(s): KILLICK R; LEGAN PK; MALENCZAK C; RICHARDSON GP

Corporate Source: UNIV SUSSEX, SCH BIOL SCI/BRIGHTON BN1 9QG/E

SUSSEX/ENGLAND/; UNIV SUSSEX, SCH BIOL SCI/BRIGHTON BN1 9QG/E  
SUSSEX/ENGLAND/

Journal: JOURNAL OF CELL BIOLOGY, 1995, V129, N2 (APR), P535-547

ISSN: 0021-9525

Language: ENGLISH Document Type: ARTICLE (Abstract Available)

...Abstract: the inner ear (Killick, R., C. Malenczak, and G. P. Richardson. 1992. Hearing Res. 64: 21 -38). The cDNA and deduced amino acid sequences for chick beta-tectorin are presented. The...

...a protein of 36,902.6 D with a putative signal sequence, four potential N- glycosylation sites, 13 cysteines, and a hydrophobic COOH terminus. Western blots of two-dimensional gels using...

...Research Fronts: MUSCLE; PROTEIN PHOSPHATASE-1; MAJOR GLUTATHIONE TRANSFERASE)

93-7132 001 (TAMM-HORSFALL PROTEIN; MONOCLONAL IMMUNOGLOBULIN LIGHT CHAIN -RELATED RENAL DISEASES; REDUCTION OF URINE VOLUME AMELIORATES ADRIAMYCIN-INDUCED NEPHROPATHY)

24/K/19 (Item 3 from file: 34)

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci

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02201243 Genuine Article#: KJ458 No. References: 17

**Title: LOW-DOSE NONGLYCOSYLATED RHGM-CSF IS EFFECTIVE FOR THE TREATMENT OF DELAYED HEMATOPOIETIC RECOVERY AFTER AUTOLOGOUS MARROW OR PERIPHERAL-BLOOD STEM-CELL TRANSPLANTATION**

Author(s): IPPOLITI C; PRZEPIORKA D; GIRALT S; ANDERSSON BS; WALLERSTEIN RO ; GUTTERMAN J; DEISSEROTH AB; CHAMPLIN RE

Corporate Source: UNIV TEXAS, MD ANDERSON CANC CTR, DEPT HEMATOL, BONE MARROW TRANSPLANTAT SECT/HOUSTON//TX/77030

Journal: BONE MARROW TRANSPLANTATION, 1993, V11, N1 (JAN), P55-59

ISSN: 0268-3369

Language: ENGLISH Document Type: ARTICLE (Abstract Available)

Abstract: Twenty-six patients with hematologic malignancies (20) or solid tumors (six) were treated with non- glycosylated rhGM-CSF (E. coli) for delayed hematopoietic recovery (granulocytes < 0.1 x 10(9)/l on day 21 or < 0.5 x 10(9)/l on day 28) after autologous marrow or peripheral...

...daily with dose escalation every 7 days if there was no response. Within 14 days, 21 (84%) of the 25 evaluable patients achieved granulocytes > 0.5 x 10(9)/l and...

...16% at 4 months after transplantation. These results demonstrate that relatively low doses of non- glycosylated rhGM-CSF administered subcutaneously daily can be used to promote granulocyte recovery in patients with...

Research Fronts: 91-0978 001 (RECOMBINANT HUMAN GRANULOCYTE COLONY-STIMULATING FACTOR; INDUCIBLE NUCLEAR EXPRESSION OF NF- KAPPA -B; CLINICAL ONCOLOGY)



24/K/20 (Item 4 from file: 34)

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci  
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02145428 Genuine Article#: KE594 No. References: 43

**Title: TREATMENT OF MYELODYSPLASTIC SYNDROMES (MDS) AND HIGH LEUKEMIC RISK WITH LOW-DOSE CYTOSINE-ARABINOSIDE (LD-ARAC) PLUS GRANULOCYTE-MACROPHAGE COLONY-STIMULATING FACTOR (RH GM-CSF)**

Author(s): GERHARTZ HH; MARCUS R; DELMER A; ZWIERZINA H; DEWITTE T; JACOBS A; VISIANI G; FIERE D; SONNEVELD P; LABAR B; HOFFBRAND AV; FENAUX P; HAYAT M; THYSS A; DEBUCHER L; COIFFIER B; SIZOO W; WILLEMZE R; RIBEIRO M; SUCIU S; SOLBU G; STERN A; ZITTOUN R

Corporate Source: KLINIKUM GROSSHADERN, MED KLIN 3, POSTFACH 701260/W-8000 MUNICH 70//GERMANY/

Journal: INFECTION, 1992, V20, S2, PS116-S123

ISSN: 0300-8126

Language: ENGLISH Document Type: ARTICLE (Abstract Available)

...Abstract: AraC (2 x 10 Mg/m2 subcutaneously (sc) days 1-14) and GM-CSF (fully glycosylated, Sandoz/Schering-Plough, 2 x 150 mug protein/day sc) given either subsequently (days 15- 21 ) or simultaneously (days 8-14 and one week rest). Evaluations were carried out after three...

...a good response (13%), and 12 a partial response (15%). Stable disease was found in 21 cases (26%). There were 12 cases of toxic death (15%), progression was noted in eight...

...Major adverse events during treatment were haemorrhage (25%), infections (23%), and fever with GM-CSF ( 21 %). GM-CSF did not induce leukaemia nor contribute to haemorrhage induced by AraC, but gave...

Research Fronts: 91-0978 004 (RECOMBINANT HUMAN GRANULOCYTE COLONY-STIMULATING FACTOR; INDUCIBLE NUCLEAR EXPRESSION OF NF- KAPPA -B; CLINICAL ONCOLOGY)

91-2337 003 (MYELODYSPLASTIC MYELOID PROGENITOR CELLS; ACUTE NONLYMPHOCYTIC LEUKEMIA; CLONAL HEMATOPOIETIC...

24/K/21 (Item 5 from file: 34)

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci  
(c) 2006 Inst for Sci Info. All rts. reserv.

02089061 Genuine Article#: KA059 No. References: 26

**Title: APICAL SECRETION AND ASSOCIATION OF THE DROSOPHILA-YELLOW GENE-PRODUCT WITH DEVELOPING LARVAL CUTICLE STRUCTURES DURING EMBRYOGENESIS**

Author(s): KORNEZOS A; CHIA W

Corporate Source: NATL UNIV SINGAPORE, INST MOLEC & CELL BIOL, DROSOPHILA NEUROBIOL LAB/SINGAPORE 0511//SINGAPORE/; NATL UNIV SINGAPORE, INST MOLEC & CELL BIOL, DROSOPHILA NEUROBIOL LAB/SINGAPORE 0511//SINGAPORE/

Journal: MOLECULAR & GENERAL GENETICS, 1992, V235, N2-3 (NOV), P397-405

ISSN: 0026-8925

Language: ENGLISH Document Type: ARTICLE (Abstract Available)

...Abstract: larval and adult cuticle structures. The deduced y protein sequence includes two putative N-linked glycosylation sites and a putative signal peptide, suggesting that it might be a secreted molecule. Consistent...

...polypeptide is a preprotein that cotranslationally translocates into the

endoplasmic reticulum (ER) membrane and becomes glycosylated . The N-terminal peptide is cleaved from the preprotein between the two alanine residues at positions 21 and 22, to release the final product into the lumen of the ER. Antibodies raised...

...Research Fronts: 7954 002 (SIGNAL PEPTIDE; ESCHERICHIA-COLI MALTOSE-BINDING PROTEIN; CDNA SEQUENCE)  
90-0429 001 (NF- KAPPA -B TRANSCRIPTION FACTOR; DROSOPHILA HOMEODOMAIN PROTEINS; C-MYC GENE; EMBRYONIC EXPRESSION PATTERN; POU-SPECIFIC DOMAIN)

24/K/22 (Item 6 from file: 34)  
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci  
(c) 2006 Inst for Sci Info. All rts. reserv.

00703283 Genuine Article#: EP556 No. References: 40  
**Title: PROCLOTTING ENZYME FROM HORSESHOE-CRAB HEMOCYTES - CDNA CLONING, DISULFIDE LOCATIONS, AND SUBCELLULAR-LOCALIZATION**  
Author(s): MUTA T; HASHIMOTO R; MIYATA T; NISHIMURA H; TOH Y; IWANAGA S  
Corporate Source: KYUSHU UNIV,GRAD SCH MED SCI,DEPT MOLEC BIOL/FUKUOKA 812//JAPAN/; KYUSHU UNIV,GRAD SCH MED SCI,DEPT MOLEC BIOL/FUKUOKA 812//JAPAN/; KYUSHU UNIV,FAC SCI,DEPT BIOL/FUKUOKA 812//JAPAN/  
Journal: JOURNAL OF BIOLOGICAL CHEMISTRY, 1990, V265, N36, P22426-22433  
Language: ENGLISH Document Type: ARTICLE (Abstract Available)

...Abstract: residues of the mature protein with a molecular mass of 38,194 Da. Three potential glycosylation sites for N-linked carbohydrate chains were confirmed to be glycosylated . Moreover, the zymogen contains six O-linked carbohydrate chains in the amino-terminal light chain generated after activation. The cleavage site that accompanies activation catalyzed by trypsin-like active factor...

...to that of human coagulation factor XIa (34.5%) or factor Xa (34.1%). The light chain has a unique disulfide-knotted domain which shows no significant homology with any other known...

...Research Fronts: REGULATED GENE; CAPPING PROTEIN; CDNA SEQUENCE; GENOME ORGANIZATION)  
89-0692 001 (COMPLEMENT C-4 GENES; 21 -HYDROXYLASE DEFICIENCY HAPLOTYPES; RHEUMATOID-ARTHRITIS FAMILIES; HLA ASSOCIATIONS)  
89-6632 001 (LIMULUS AMEBOCYTE LYSATE; PLASMA...

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